Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

ERMINAL DISCLAIMER TO OBVIATE A DOUBLE PATENTING **REJECTION OVER A "PRIOR" PATENT**

Docket Number (Optional) 9319\$-000543

re Application of: Hiroyuki Ogiso

Application No. 10/670,986 Filed: September 25, 2006

For: CLOCK CONVERTER AND ELECTRONIC APPARATUS WITH THE SAME

The owner*, Seiko Epson Corporation, of 100 percent interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term prior patent No. 6,703,877 as the term of said prior patent is defined in 35 U.S.C. 154 and 173, and as the term of said prior patent is presently shortened by any terminal disclaimer. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of the term of any patent granted on the instant

		f the full statutory term as defined in 35 U.S.C. 154 and 173 of shortened by any terminal disclaimer," in the event that said price	
	expires for failure to pay a maintenance fee;		
	is held unenforceable; is found invalid by a court of competent jurisdiction;		
	is statutorily disclaimed in whole or terminally disclai	med under 37 CFR 1.321;	
	has all claims canceled by a reexamination certificat is reissued; or	e;	
		f its full statutory term as presently shortened by any terminal discla	imer.
	Check either box 1 or 2 below, if appropriate.		
	For submissions on behalf of a business/orgatetc.), the undersigned is empowered to act on business.	anization (e.g., corporation, partnership, university, government a behalf of the business/organization.	igency,
	information and belief are believed to be true; and furth statements and the like so made are punishable by fin	rein of my own knowledge are true and that all statements manner that these statements were made with the knowledge that willfure or imprisonment, or both, under Section 1001 of Title 18 of the imprisonment is application or any patent issued thereo	ul false United
	2. The undersigned is an attorney of record. Re	eg. No. 27,382/40/344 Jaly 5, 5	2006
		Signature Date G. Gregory Schivley/Bryant E. Wade	9
07/10/2006 HDE	STA1 00000127 503213 10670986	Typed or printed name	
01 FC:1814	130.00 DA	248.641.1600	
		Telephone Number	
	Terminal disclaimer fee under 37 CFR 1.20(d) is it	ncluded.	
	WARNING: Information on this form r	may become public. Credit card information should not	
		credit card information and authorization on PTO-2038.	

*Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner). Form PTO/SB/96 may be used for making this certification. See MPEP § 324.

This collection of information is required by 37 CFR 1.321. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA22313-1450.

HDP/SB/17 (02-06)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2006

Effective 2/8/2006. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TAL AMOUNT OF PAYMENT	(\$)	130
-----------------------	------	-----

Complete if Known				
Application Number	10/670,986			
Filing Date	September 25, 2003			
First Named Inventor	Hiroyuki Ogiso			
Examiner Name	Joseph Chang			
Art Unit	2817			
Attorney Docket No.	9319S-000543			

METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)						
matilios of Frinanti (vilous all that apply)				3. ADDITIONAL FEES						
☐ Check ☐ Credit card ☐ Money ☐ Other ☐ None Order				Large Entity Small Entity						
☑ Deposit Accou	nt:		Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee De	escription	Fee Paid	
Deposit			1051	130	2051	65	Surcharge - late	filing fee or oath		
Account Number	50-3213		1052	50	2052	25	Surcharge - late or cover sheet.	provisional filing fee		
			1053	130	1053	130	Non-English sp	ecification		
Deposit	Enson R & D		1812	2,520	1812	2,520	For filing a requ	est for reexamination		
Account Epson R & D Name			1804	920*	1804	920*	Requesting pub Examiner action	lication of SIR prior to		
The Director is authorized to: (check all that apply) ☑ Charge fee(s) indicated below ☑ Credit any overpayments			1805	1,840*	1805	1,840*	Requesting pub Examiner action	lication of SIR after		
	litional fee(s) during the pendency of th		1251	120	2251	60	Extension for re	ply within first month	-	
	ndicated below, except for the filing fe fied deposit account.	e	1252	450	2252	225	Extension for re	ply within second		
to the above identi	FEE CALCULATION		1				month			
	 	_ 	1253	1020	2253	510		ply within third month		
I I	LING FEE Small Entity		1254	1,590	2254	795	Extension for re month	ply within fourth		
-	ee Fee Fee Description		1255	2,160	2255	1080	Extension for re	ply within fifth month		
Code (\$) C	ode (\$)	Fee Pald	1401	500	2401	250	Notice of Appea	il		
1011 300 20	011 150 Utility filing fee		1402	500	2402	250	Filing a brief in	support of an appeal		
1012 200 20	012 100 Design filing fee	<u> </u>	1403	1000	2403	500	Request for ora	l hearing		
1013 200 20	013 100 Plant filing fee		1452	500	2452	250	Petition to revive	e – unavoidable		
	014 150 Reissue filing fee		1453	1500	2453	750		e – unintentional		
1005 200 20	005 100 Provisional filling fee		1462	400	1462	400	Petition fee und			
	SUBTOTAL (1)	(\$) 0	1463	200	1463	200	Petition fee und			
	SOBIOTAL (I)		1464	130	1464	130	Petition fee und	etition fee under 37 CFR 1.17(h)		
2. EXTRA CLAI	M FEES FOR UTILITY AND REIS	SUE	1807	50	1807	50	Processing fee	under 37 CFR 1.17 (q)		
	Extra Fee from Claims below	Fee Paid	1806	180	1806	180	Submission of li Stmt	nformation Disclosure		
Total Claims Independent	-20 ** = 0 X	= 0	8021	40	8021	40	per property (tin	patent assignment nes number of		
Claims · Multiple	X = [0		1809	790	2809	395	properties) Filing a submiss (37 CFR § 1.129	sion after final rejection		
Dependent	Cmall Entity	= 0	1810	790	2810	395	For each addition	nal invention to be		
Large Entity Fee Fee	Small Entity Fee Fee Fee Fee Fee		1801	790	2801	395	examined (37 C	FR § 1.129(b)) inued Examination	\vdash	
Code (\$)	Code (\$) Fee Description		1001	/ 30	2001	000	(RCE)	mood Examination		
1202 50	2202 25 Claims in excess of 2		Other fe	e (specif	fy) <u>Termi</u>	nal Discl	aimer		130.00	
1201 200	2201 100 Independent claims in		*Redu	ed by B	asic Fill	ng Fee i	Paid SUBT	OTAL (3) (\$)130		
1203 360	2203 180 Multiple dependent cl		4. SE	ARCH/	EXAMI	NATIO	N FEES			
1204 200	2204 100 ** Reissue independe original patent	na ciaimis Over	1111	500	2111	250	Utility Search Fe	90		
1205 50	** Baissua claims in a	excess of 20 and	1112	100	2112	50	Design Search f		\vdash \dashv \mid	
1205 50	2205 25 over original patent		1113	300	2113	150	Plant Search Fe			
	CURTOTAL (A)		1114	500	2114	250	Reissue Search	Fee		
	SUBTOTAL (2) (\$) 0		1311	200	2311	100	Utility Examinati		$\vdash \dashv$	
			1312	130	2312	65	Design Examina			
				160	2313	80	Plant Examination			
·				600	2314	300	Reissue Examination Fee			
**or number previo	**or number previously paid, if greater, For Reissues, see above				1314 600 2314 300 Reissue Examination Fee SUBTOTAL (4) (\$)0					
SUBMITTED BY				Complete (if applicable)						
G. Gregory Schivley/ Name (Print/Type) Bryant E. Wade Registration No. Registration No. Registration No. Registration No. Registration No.				27,382 49,394 Telephone 248,641,1600						
Signature / / / Duen / Munico Date July 5, 2006										
	74 /8	/\///			1					